INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 788-20 PCT	FOR FURTHER see Notification of (Form PCT/ISA/2)	of Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/US 02/06141	28/02/2002	28/02/2001
Applicant		
RESEARCH FOUNDATION OF ST	ATE UNIVERSITY OF N.Y	
This International Search Report has bee according to Article 18. A copy is being to	n prepared by this International Searching Authansmitted to the International Bureau.	hority and is transmitted to the applicant
This International Search Report consists [X] It is also accompanied by	s of a total of6 sheets. If a copy of each prior art document cited in this	s report.
Basis of the report		
a With regard to the language, the	international search was carried out on the ba	sis of the international application in the
language in which it was filed, un	liess otherwise indicated under this item.	
Authority (Rule 23.1(b)).	was carried out on the basis of a translation of	
b. With regard to any nucleotide a was carried out on the basis of the	nd/or amino acid sequence disclosed in the i	international application, the international search
	ne sequence issuing . ional application in written form.	
	ernational application in computer readable for	rm.
furnished subsequently t	to this Authority in written form.	
furnished subsequently to	to this Authority in computer readble form.	A section of the second three sections are the second to the
international application	ubsequently furnished written sequence listing as filed has been furnished.	
the statement that the in furnished	formation recorded in computer readable form	is identical to the written sequence listing has been
2. Certain claims were fo	und unsearchable (See Box I).	
3. X Unity of invention is la		
4. With regard to the title,		
X the text is approved as	submitted by the applicant.	
the text has been estab	lished by this Authority to read as follows:	
5. With regard to the abstract,		
the text is approved as	submitted by the applicant.	
	blished, according to Rule 38.2(b), by this Authorithe date of mailing of this international search	ority as it appears in Box III. The applicant may, report, submit comments to this Authority.
6. The figure of the drawings to be po		1b
as suggested by the ap		None of the figures.
1 —	failed to suggest a figure.	
X because this figure bet	ter characterizes the invention.	

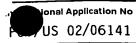
			US 02/0	J6141
A. CLASSIFI	ICATION OF SUBJECT MATTER A61B8/08			
•				
		fination and IDC		
	International Patent Classification (IPC) or to both national classif	ication and IPC		
	SEARCHED cumentation searched (classification system followed by classification system followed by classific	ation symbols)		
Inimum doc	A61B G01N G01S			
Dagumontati	ion searched other than minimum documentation to the extent that	at such documents are inclu	uded in the fields sea	rched
Jocumentan	on searched other man minimum documents.			
Electronic da	ata base consulted during the international search (name of data	base and, where practical	, search terms used)	
EPO-Int	ternal, INSPEC			
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	relevant passages		Relevant to claim No.
	LAHOTED D ET AL. BUILT-managed à	manas of		1,2,
Χ !	LAUGIER P ET AL: "Ultrasound i the os calcis: a new method of	assessment		10-13,
	of bone status"	455656115115		21,23,
	ULTRASONICS SYMPOSIUM, 1993. PR	ROCEEDINGS.,		26,28,29
	I TFFE 1993 BALTIMORE, MD, USA 31	l OCT.−3	Ì	
	NOV. 1993, NEW YORK, NY, USA, IE	EEE,		
	31 October 1993 (1993-10-31),	pages		
	989-992, XP010114843 ISBN: 0-7803-1278-3		ļ	
	the whole document			
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			,	
X Fur	other documents are listed in the continuation of box C.	X Patent fami	lly members are listed	in annex.
° Special c	categories of cited documents:	*T* later document p	ublished after the inte	ernational filing date
'A' docun	nent defining the general state of the art which is not	cited to underst	and not in conflict with and the principle or th	neory underlying the
cons	idered to be of particular relevance r document but published on or after the international	invention "X" document of part	ticular relevance; the	claimed invention
filing	date	cannot be cons involve an inve	idered novel or canno ntive step when the de	ocument is taken alone
l whic	nent which may throw doubts on priority claim(s) or this cited to establish the publication date of another	'Y' document of par	ticular relevance; the	claimed invention
	ion or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or	document is co	mhined with one or M	nore other such docu- ous to a person skilled
othe	r means ment published prior to the international filing date but	in the art.		
P docur later	ment published prior to the international filling date but than the priority date claimed		ber of the same paten	
Date of th	e actual completion of the international search	Date of mailing	of the international se	earch report
	20 September 2002	07/10	/2002	
		Authorized offic	or .	
Name and	d mailing address of the ISA	Authorized office	æ1	

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European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Manschot, J

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	ition) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Category *	Citation of document, with indication, where appropriate, of the relevant passages	
Х	LAUGIER P ET AL: "Ultrasound parametric imaging of bone in vivo" ULTRASONICS SYMPOSIUM, 1995. PROCEEDINGS., 1995 IEEE SEATTLE, WA, USA 7-10 NOV. 1995, NEW YORK, NY, USA, IEEE, US, 7 November 1995 (1995-11-07), pages 1137-1140, XP010157487 ISBN: 0-7803-2940-6 the whole document	1,2,10, 13,21, 23,26, 28,29
A	HADJI ET AL.: "Quantitative ultrasound of os calcis in postmenopausal women with spine and hip fractures" JOURNAL OF CLINICAL DENSITOMETRY, vol. 3, no. 3, 2000, pages 233-239, XP008008412 "page 234: "Materials and Methods"	1,2, 10-13, 18-21, 26-30
А	US 6 027 449 A (WIENER SCOTT A ET AL) 22 February 2000 (2000-02-22)	1,2,5-8, 10-13, 21,23, 24,26-30
	column 20, line 22 - line 58 column 27, line 44 -column 29, line 21	
A	US 5 218 963 A (MAZESS RICHARD B) 15 June 1993 (1993-06-15) column 9, line 45 -column 64; claim 1	1,2, 15-17, 21,26,27

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International Application No. PCT/US 02 \(D6141 \)

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-29

Determination of a bone property by using confocal ultrasound transducers with high resolution

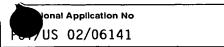
2. Claim: 30

calculating a bone quality index

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of itrst sneet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

INT NATIONAL SEARCH REPORT

mation on patent family members



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